

y-ISPPCC 2025 – Program

Monday, July 7th

8:30-9:40	ISPPCC Registration	
9:40-9:50	y-ISPPCC Opening	
Session 1		
Chair: Alessandro Amadeo (University of Messina)		
yOC-1	9:50-10:05	Yoann Fréroux (Université de Rennes, CNRS, ISCR) New antennae for photoswitchable luminescent lanthanide(III) complexes
yOC-2	10:05-10:20	Marius Müßler (Universität Ulm) “If you like it you should put a ring on it” - Rotaxanes as supramolecular protective motifs in reductive heterodinuclear photocatalysis
yOC-3	10:20-10:35	Jie Ying Chen (Fu Jen Catholic University) Characteristics of photoinduced quenching [Ru(tpm)(prbm)(NH ₃)] ²⁺ ions: density functional modeling and efficient metal center state quenching mechanisms
yOC-4	10:35-10:50	Xiao Ma (University of Tokyo) Microscopic analyses of vapochromism in single particles
yOC-5	10:50-11:05	Noémie Chantry (Université Catholique de Louvain) Exploring substituents effects on the anti-Kasha reactivity of binuclear Ru(II) photosensitizers
11:05-11:35		Coffee Break
Session 2		
Chair: Giuliana Lazzaro (University of Messina)		
yOC-6	11:35-11:50	Laura L. Duncan (Durham University) The development of Sulfur-containing, APTRA-derived fluorescent probes with specific Zn ²⁺ binding
yOC-7	11:50-12:05	Martin Pižl (University of Chemistry and Technology Prague, University of Reading) Ultrafast time-resolved infrared spectroelectrochemistry of Ru(II) complexes for DNA studies

yOC-8	12:05-12:20	Dorothee S. Wagner (<i>University of Basel</i>) Synthetic control over excited-state behavior of Nickel(II) complexes
yOC-9	12:20-12:35	Federico Droghetti (<i>University of Ferrara</i>) Light-driven CO ₂ reduction with a heptacoordinated Iron(II) polypyridine complex
yOC-10	12:35-12:50	Stefano Scoditti (<i>DIPC, University of Calabria, PMAS</i>) Exploring Ru(II) photocages for cancer therapy: a theoretical investigation of light-induced acetonitrile ligand release
12:50-14:00		Lunch Time
Session 3 Chair: Amine Assel (<i>University of Messina</i>)		
yOC-11	14:00-14:15	Emily L. Race (<i>University of Sheffield</i>) Ultrafast spectroscopic investigations into solvent and heteroatom effects on the photophysics of Platinum(II)-based artificial photosynthetic systems
yOC-12	14:15-14:30	Marta Costa Verdugo (<i>DIPC, PMAS</i>) Photochemical behavior of Ruthenium(II) complexes in Choline Geranate (CAGE) ionic liquids
yOC-13	14:30-14:45	Li-Ting Zhuo (<i>Fu Jen Catholic University</i>) The characteristic of photo-induced ³ MLCT emission behavior for Ru-TBPZ chromophore, a Ru-(cyclometalated) chromophore
yOC-14	14:45-15:00	Amelia Kacperkiewicz (<i>University of Manitoba</i>) From rags to riches: enabling abundant metals to exhibit significant photophysical and magnetic properties using efficient ligand design
yOC-15	15:00-15:15	Eleanor R. Windle (<i>University College Dublin</i>) Contrasting excited state processes of Zn(II) and Cu(II) phthalocyanines
yOC-16	15:15-15:30	Elena Dallerba (<i>Curtin University</i>) Unveiling the potential of Iridium complexes in tissue imaging
15:30-16:00		Coffee Break

Session 4 Chair: Arindam Saha (<i>Université de Montréal</i>), Martina Mazzaferro (<i>University of Messina</i>)		
yOC-17	16:00-16:15	Chizuru Kasahara (<i>University Jena</i>) [FeFe]-H ₂ ase mimicking complex bearing two organic photosensitisers for photocatalytic H ₂ evolution
yOC-18	16:15-16:30	Sophia Lipinski (<i>Technical University of Munich</i>) Diphosphine design enables rainbow emitting Ag(I) complexes for light-emitting electrochemical cells
yOC-19	16:30-16:45	Edoardo Marchini (<i>University of Ferrara</i>) A deep insight into the role of basic additives in the charge injection of Fe(II)-based complexes
yOC-20	16:45-17:00	Simon A. Liedtke (<i>Lund University</i>) Reaction-diffusion simulations of photoredox processes in solution
yOC-21	17:00-17:15	Ana Karem Vega Salgado (<i>Université Catholique de Louvain</i>) Key factors influencing cage escape in photoinduced electron transfer
yOC-22	17:15-17:30	Sergio Aranda (<i>University of Zurich</i>) Unveiling the activation pathway of the CO ₂ reduction catalyst trans-(Cl)-[Ru(X,X'-dimethyl-2,2'-bipyridine)(CO) ₂ Cl ₂] by direct spectroscopic observation
yOC-23	17:30-17:45	Othmane Essahili (<i>Mohammed VI Polytechnic University</i>) Sustainable luminescent materials for next-generation smart building integration

Tuesday, July 8th

Session 5 Chair: Federica Giorgianni (<i>University of Messina</i>)		
yOC-24	9:00-9:15	Francesca Mancini (<i>University of Bologna</i>) Supramolecular interaction in Ru-Co and Ru-Fe complexes for efficient solar-driven hydrogen evolution and CO ₂ reduction

yOC-25	9:15-9:30	Oussama Bindech (<i>Université de Strasbourg</i>) Combining effective hamiltonians and Brillouin-Wigner approach: a step by step construction of energy states from perturbation theories
yOC-26	9:30-9:45	Fumika Sueyoshi (<i>Kyushu University</i>) Photocatalytic H ₂ evolution by pyridinium-tethered mononuclear and dinuclear Platinum complexes
yOC-27	9:45-10:00	Minli Zhang (<i>Uppsala University</i>) High-efficiency photoinduced charge separation in Iron N- heterocyclic carbenes
yOC-28	10:00-10:15	Elkhansa Elbashier (<i>University of Otago</i>) Altering the optical properties of Zn-porphyrin through β - substitutions
yOC-29	10:15-10:30	Andrea Mantovani (<i>University of Ferrara</i>) Comparison of Iridium sensitizers employed in the photoelectrochemical generation of added-value organics
10:30-11:00		Coffee Break
Session 6 Chair: Salvatore Genovese (<i>University of Messina</i>)		
yOC-30	11:00-11:15	Baldeep K. Sidhu (<i>University of Manitoba</i>) Stabilizing high spin states in Fe(II)-N _{amido} complexes to tune visible light absorption and excited state behaviour
yOC-31	11:15-11:30	Hirohisa Yanagikawa (<i>University of Tokyo</i>) Novel spectroscopic approaches to evaluate the excited triplet states of metal complexes using magnetic circular dichroism
yOC-32	11:30-11:45	Nicolò Quadrio (<i>University of Milan</i>) Plastics detection using hydrogels functionalized with switchable Iridium complexes
yOC-33	11:45-12:00	Arindam Saha (<i>Université de Montréal</i>) A bright exception: rare case of anti-Kasha ¹ ILCT emission from Co(III) complexes based on amidine-N-oxide ligands

yOC-34	12:00-12:15	Greta Fogar (<i>University of Trieste, Leiden University</i>) Sn ^{IV} -porphyrins conjugates as bio-inspired models for artificial photosynthesis
yOC-35	12:15-12:30	Yu-Hui Lin (<i>Fu Jen Catholic University</i>) Examine 77 K phosphorescence of [Os(bpy) ₂ (en)] ²⁺ : ADF modeling and spin-orbit coupling mediated intensity stealing
12:30-13:45		Lunch Time
Session 7 Chair: Claudio La Falce (<i>University of Messina</i>)		
yOC-36	13:45-14:00	Federica Ruani (<i>ISOF-CNR</i>) Solvent-controlled photoinduced processes in a bis(acridinium-Zn(II) porphyrin)-tetra(4-pyridyl) porphyrin host-guest complex
yOC-37	14:00-14:15	Felix Glaser (<i>Université Catholique de Louvain</i>) Welcome to the dark side: photoactive Iron complexes with microsecond excited-state lifetimes
yOC-38	14:15-14:30	Luis G. A. do Nascimento (<i>University of São Paulo</i>) Investigation on one-electron reduced species of Re(I)-naphthalimide photosensitizers
14:30-14:40		Closing Remarks